

**AECOM**

DESIGNER

**AECOM**

AECOM TECHNICAL SERVICES, INC  
440 Stevens Avenue, Suite 250  
Solana Beach, CA 98075  
858.947.7144 tel 858.947.7145 fax  
www.aecom.com

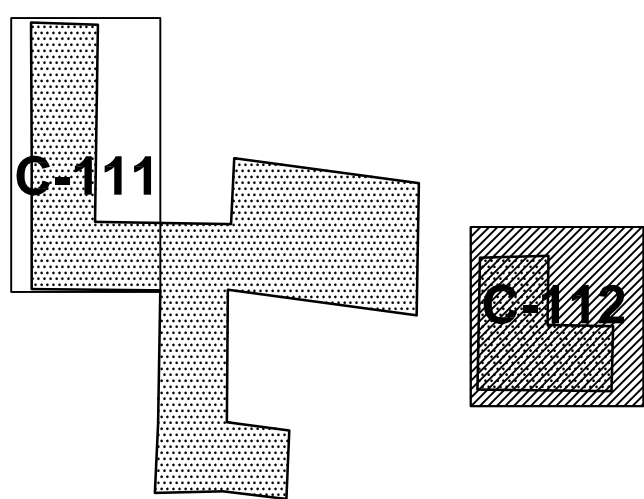
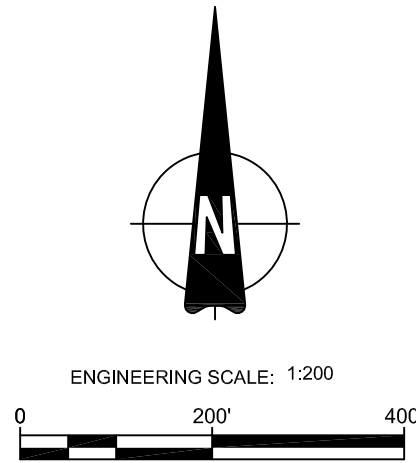
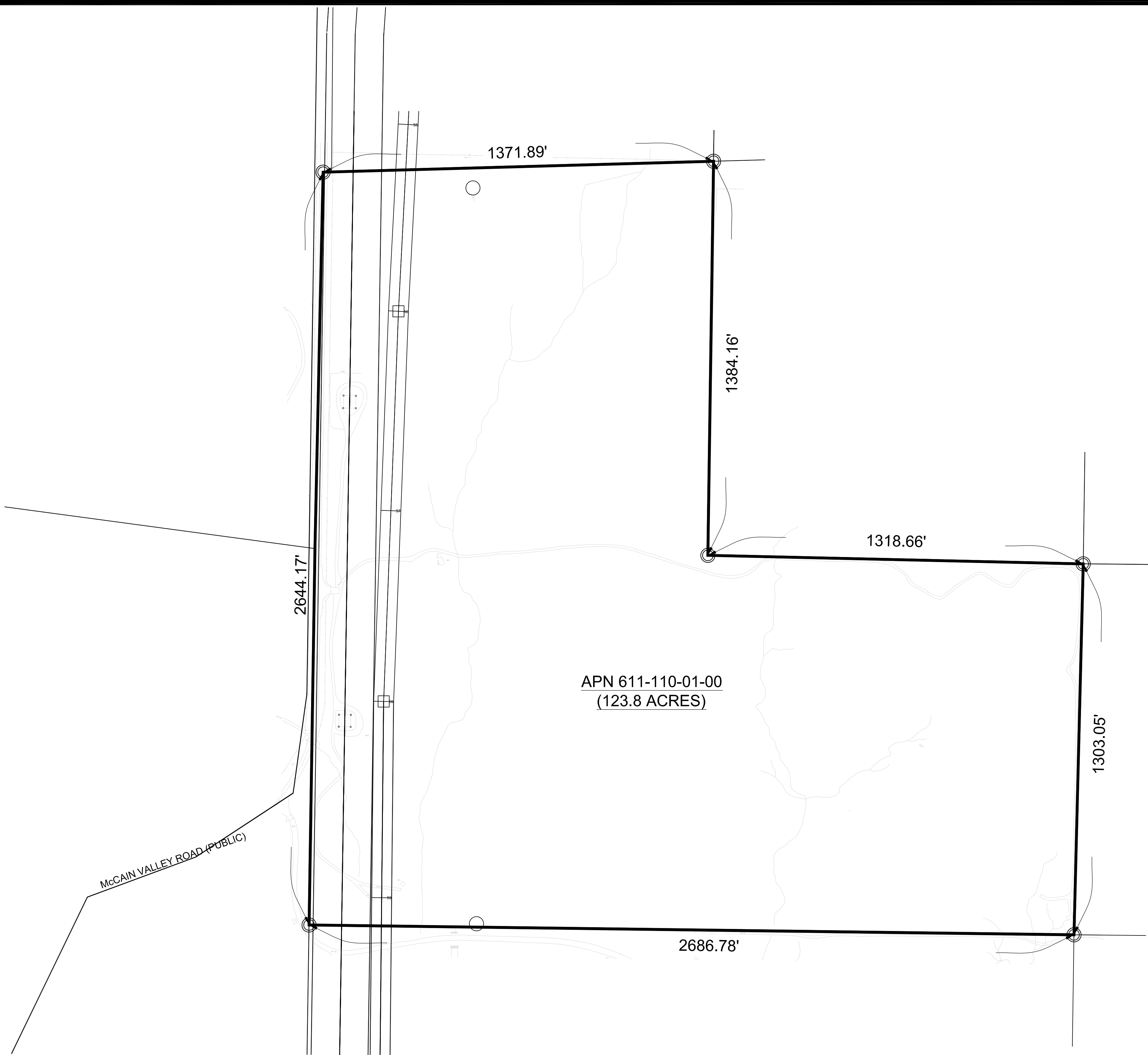
CLIENT



Soitec Solar Development, LLC

16550 Via Esprillo  
San Diego, CA 92127

VICINITY MAP		OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE	
		NAME: SEE TABLE AT C-100	NAME: Pat Brown	APN: 6120300100,6120301900,6110910700,6110910300,6110900400,6110600400,6110900200,6111000700,6111100100	<b>EXISTING:</b> Rolling, rugged land with two detached land sections made up of many parcels. All land is randomly populated by boulders. The site is minimally developed with unpaved roads.  <b>PROPOSED:</b> Approximately 84 Megawatt (MW) project located on approximately 474 acres and includes construction and operation of approximately 3564 Concentrated Photovoltaic (CPV) trackers configured into 61 (1.36 MW) Building Blocks (BB) each consisting of 58 trackers with associated Inverters and Transformers.	<b>CPV System Summary</b> Approx. Number of Trackers: 3564 Tracker per BB: 58 Number of BB: 61 Total AC Capacity (MWs): Approx. 84 MW Inverter Skid AC Capacity (MWs): 1.36 to 2.0 No. of 1.36 MW Inverter Skids: 61 Total Lot Size (Acres): 765 Estimated Disturbed Acreage: 47 Coverage Ratio: 20%	<b>EASEMENT PLAN (NORTH WEST)</b>	
		ADDRESS:	ADDRESS: 16550 Via Esprillo	SITE ADDRESS: North of I-8, east of Ribbonwood Road. on both sides of McCain Valley Road			<b>SHEET NUMBER</b>	<b>REV.</b>
		CITY:	CITY: San Diego	I CERTIFY THAT I HAVE READ ALL ZONING REGULATIONS AND BEST MANAGEMENT PRACTICES (BMPs) NOTES AND THAT I AM THE DESIGNER OF THE PROPOSED PROJECT.			<b>C-111</b>	<b>1</b>
		STATE:	STATE: CA	DESIGNER SIGNATURE REQUIRED	DATE			
		ZIP:	ZIP: 92127					
		PHONE:	PHONE: (858) 746-9000					
		FAX:	FAX:					
		EMAIL:	EMAIL: patrick.brown@soitec.com					



PLOT PLAN KEY MAP

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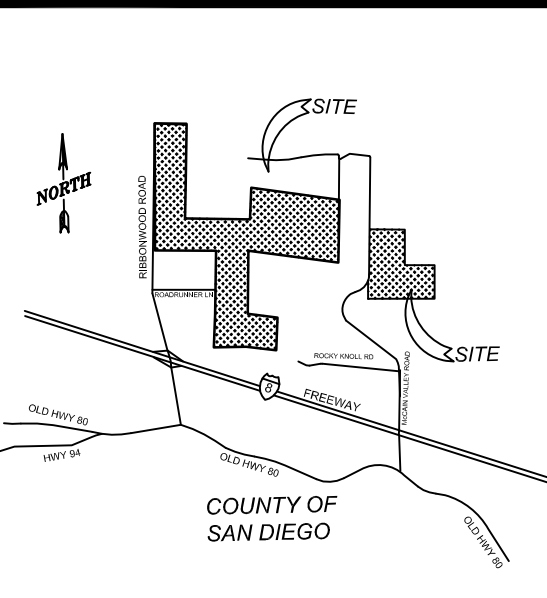
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Soitec Solar Development, LLC

16550 Via Esprillo  
San Diego, CA 92127

VICINITY MAP



OWNER INFORMATION

NAME: SEE TABLE AT C-100  
ADDRESS:  
CITY:  
STATE:  
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PHONE:  
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CONTACT INFORMATION

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CITY: San Diego  
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ZIP: 92127  
PHONE: (858) 746-9000  
FAX:  
EMAIL: patrick.brown@soitec.com

PARCEL INFORMATION

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PROJECT INFORMATION

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made up of many parcels. All land is randomly  
populated by boulders. The site is minimally  
developed with unpaved roads.  
**PROPOSED:**  
Approximately 84 Megawatt (MW) project located on  
approximately 474 acres and includes construction and  
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Photovoltaic (CPV) trackers configured into 61 (1.36  
MW) Building Blocks (BB) each consisting of 58  
trackers with associated Inverters and Transformers.

PLOT PLAN INFORMATION

**CPV System Summary**  
Approx. Number of Trackers: 3564  
Tracker per BB: 58  
Number of BB: 61  
Total AC Capacity (MWs): Approx. 84 MW  
Inverter Skid AC Capacity (MWs): 1.36 to 2.0  
No. of 1.36 MW Inverter Skids: 61  
Total Lot Size (Acres): 765  
Estimated Disturbed Acreage: 47  
Coverage Ratio: 20%

SHEET TITLE

EASEMENT PLAN EAST

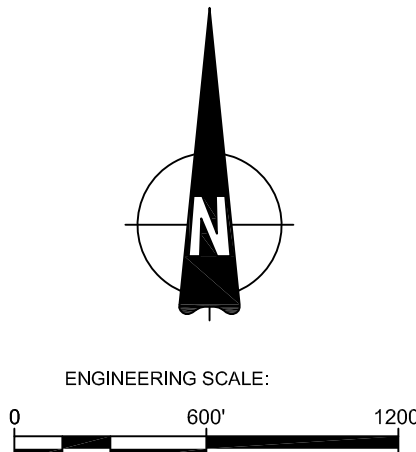
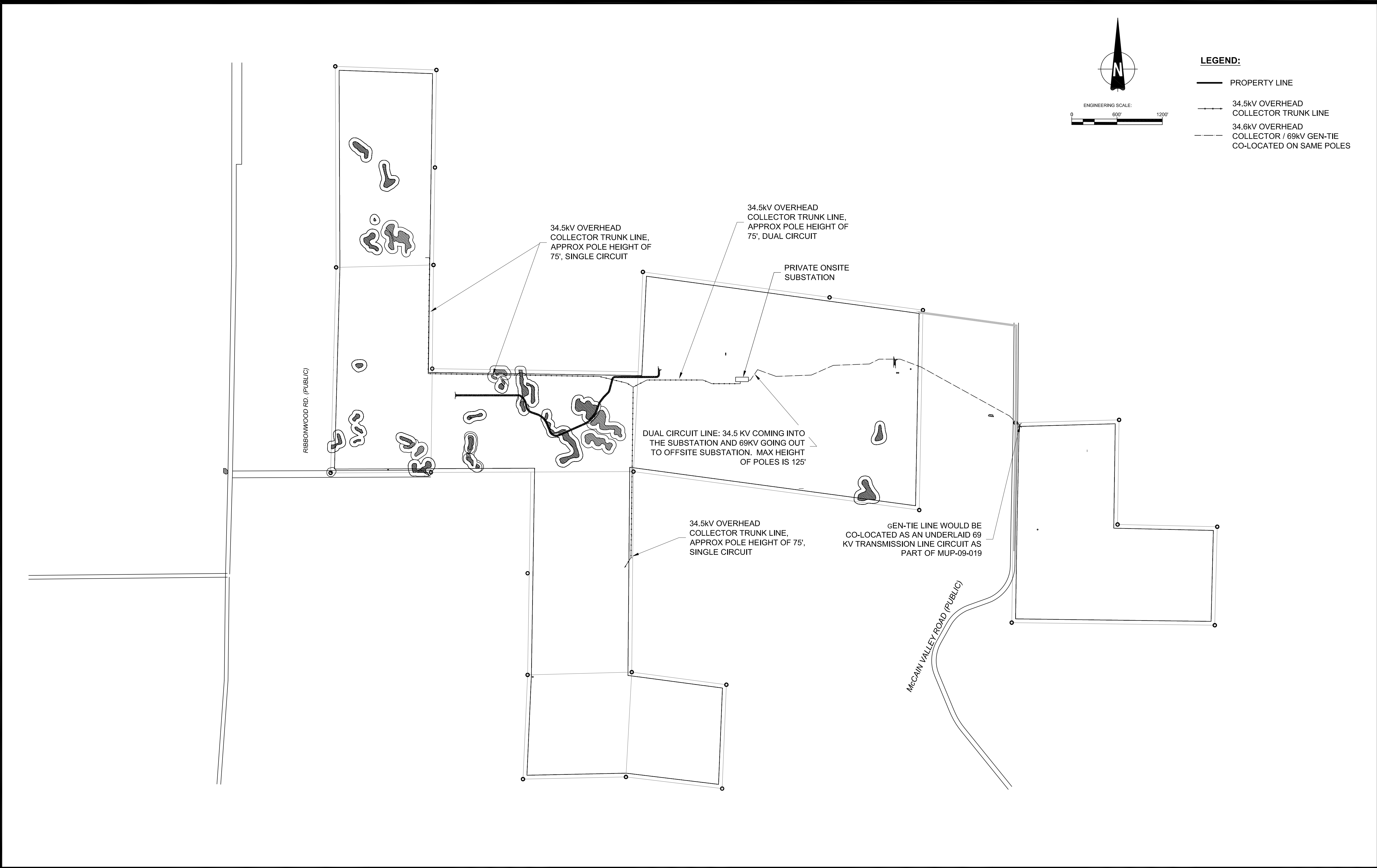
SHEET NUMBER

C-112

REV.

1



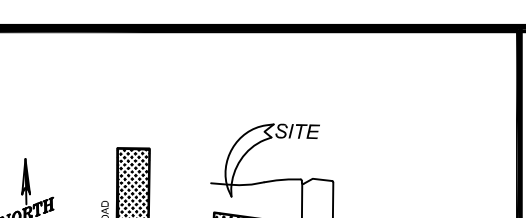


- LEGEND:**
- PROPERTY LINE
  - +— 34.5kV OVERHEAD COLLECTOR TRUNK LINE
  - - - 34.6kV OVERHEAD COLLECTOR / 69kV GEN-TIE CO-LOCATED ON SAME POLES

**AECOM**

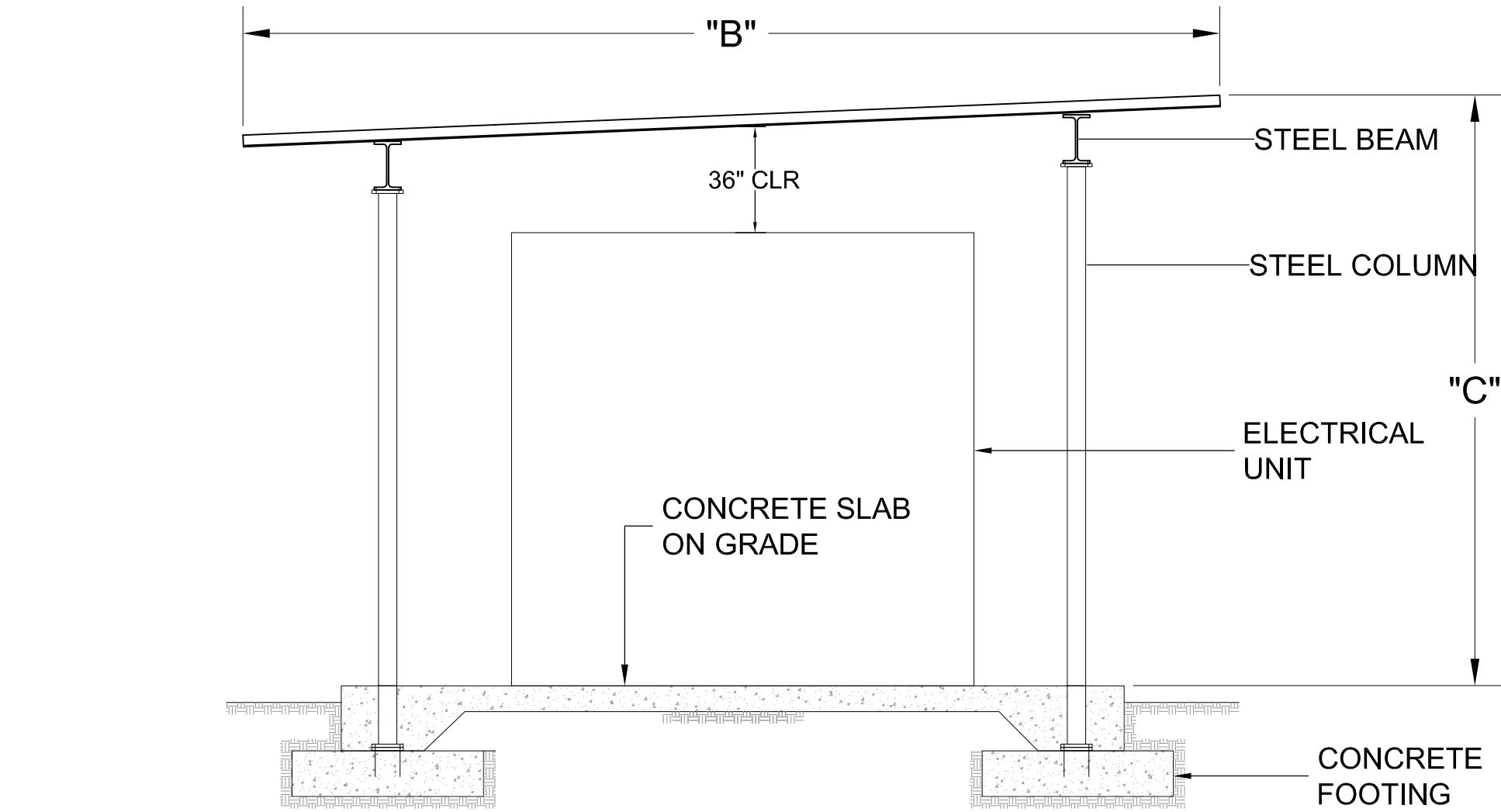
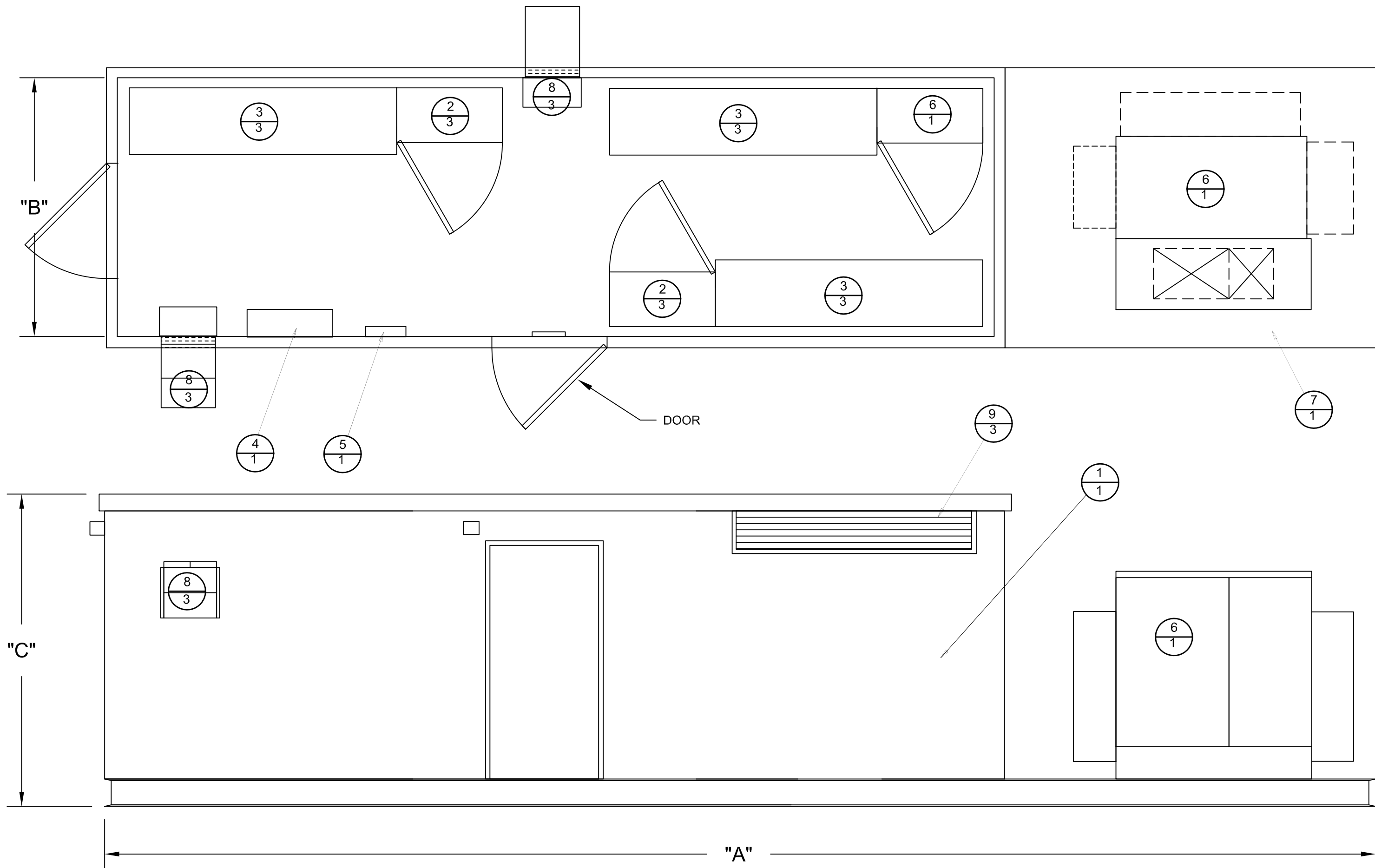
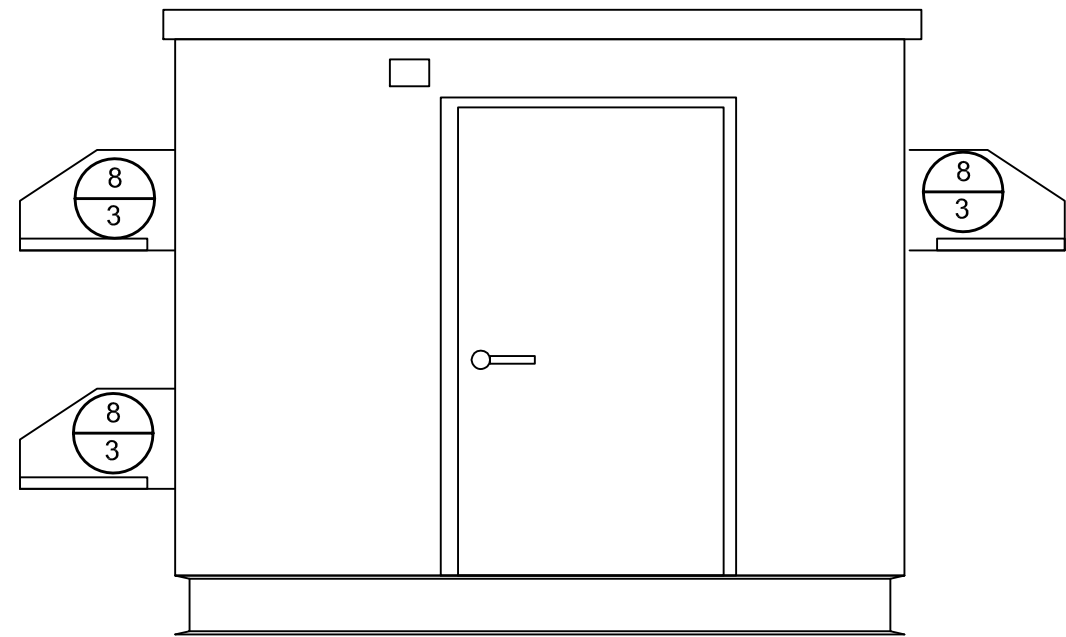
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	FAX:					
	EMAIL:	EMAIL: patrick.brown@soltec.com				
				DESIGNER SIGNATURE REQUIRED	DATE	

INVERTER DIMENSION			
INVERTER RATING (MW)	DIMENSION ( FT )		
	"A"	"B"	"C"
1.36	25	10	12
2.00	40	10	12

REV	ITEM	QTY	DESCRIPTION
	1	1	PRECAST SHELTER
	2		PRIMARY RE-COMBINER BOX, 16 X 150A MCCC (QTY OF 2 OR 3)
	3		XC 680 INVERTER (QTY OF 2 OR 3)
	4	1	SCADA
	5	1	POWER PANEL
	6	1	TRANSFORMER
	7	1	STEEL SKID
	8	3	INTAKE AIR FANS
	9	3	EXHAUST LOUVERS



- OPEN INVERTER ON SKID WITH SUN SHADE

Scale: NA

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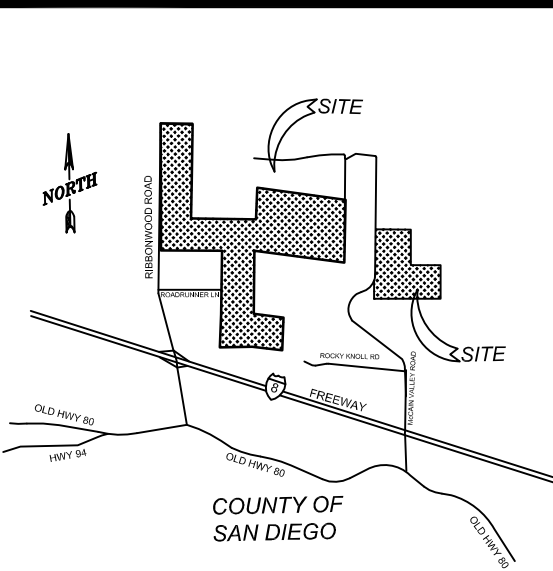
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VICINITY MAP



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SHEET TITLE

1.36 / 2.0 MW INVERTER  
BOX DESIGN

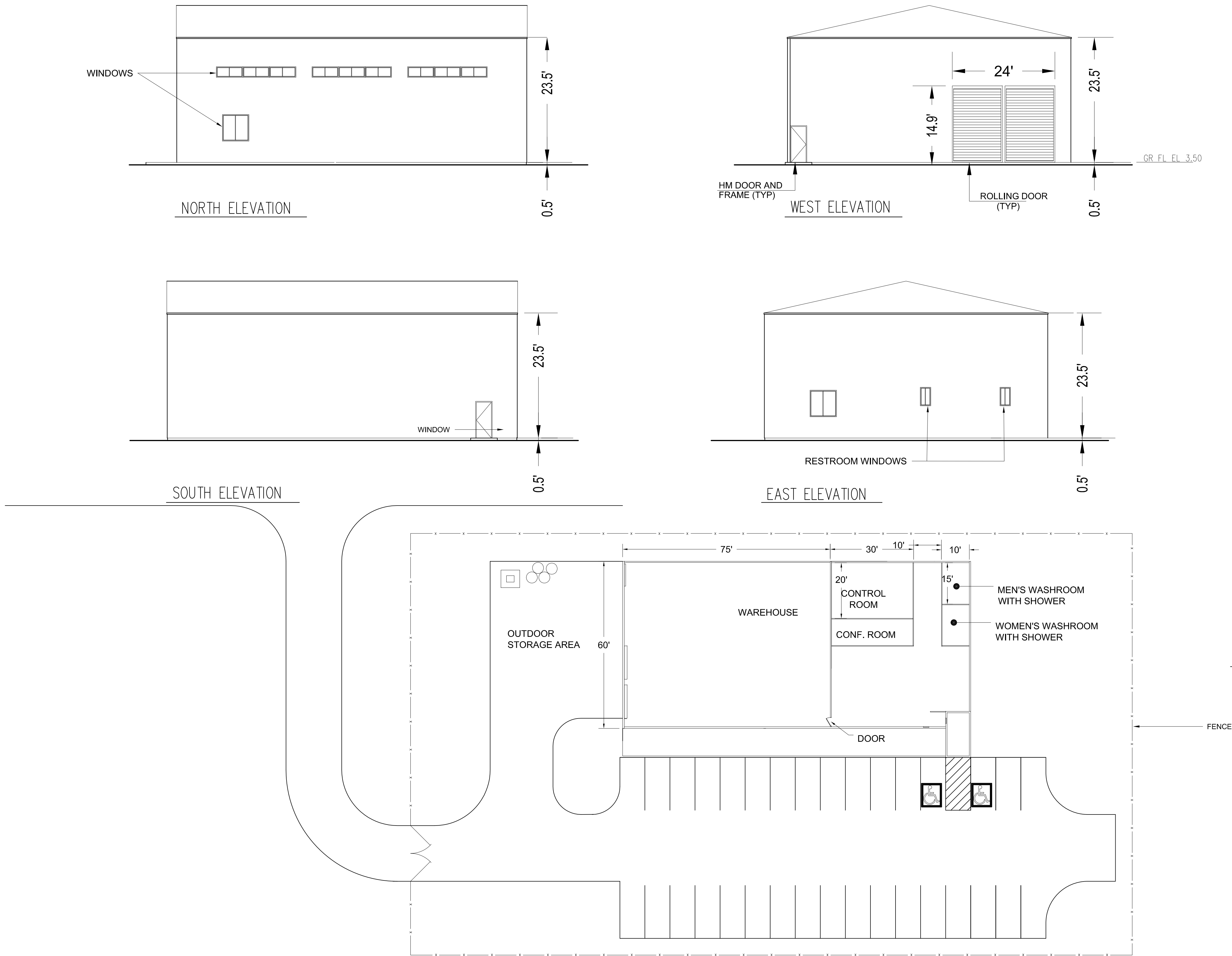
SHEET NUMBER

C-130

REV.

1





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**AECOM**

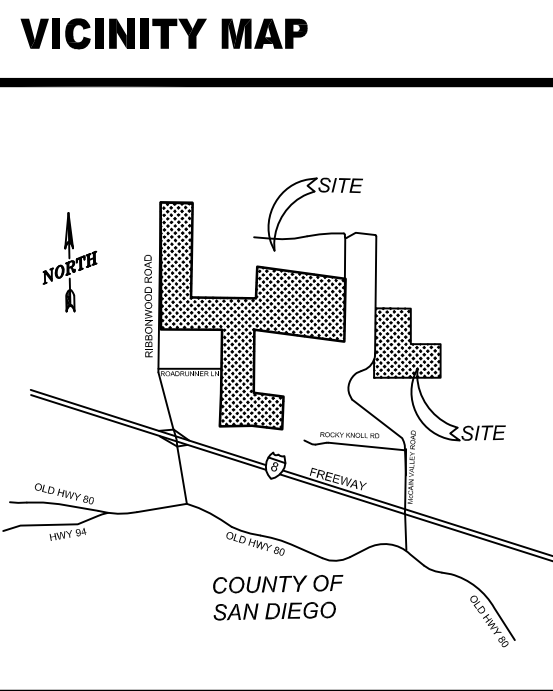
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**SHEET TITLE**

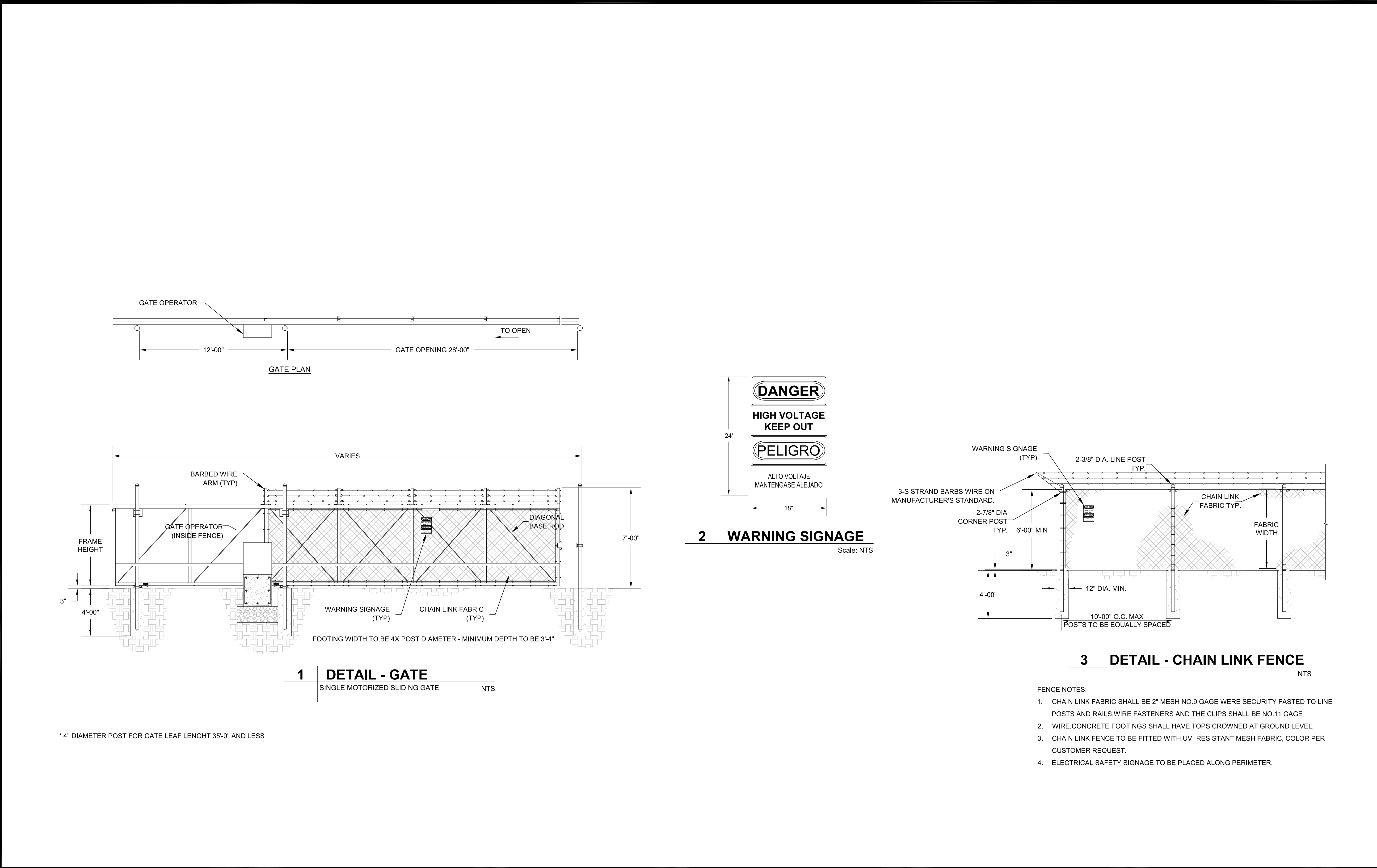
**O & M BUILDING**

**SHEET NUMBER**

**C-131**

**REV.**

**1**



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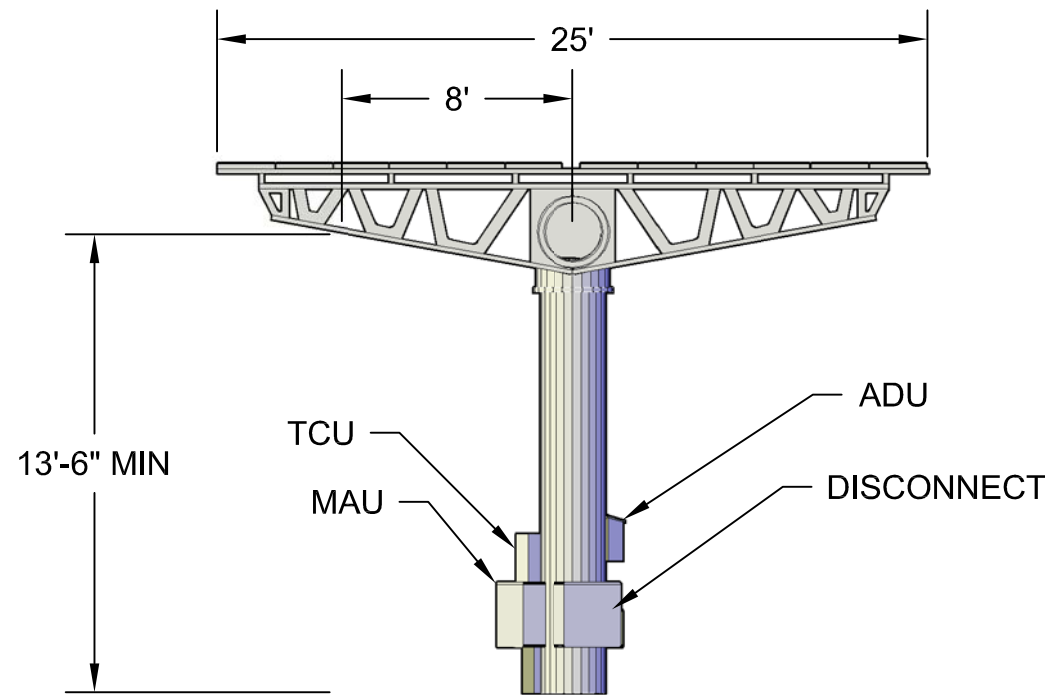


Soitec Solar Development, LLC

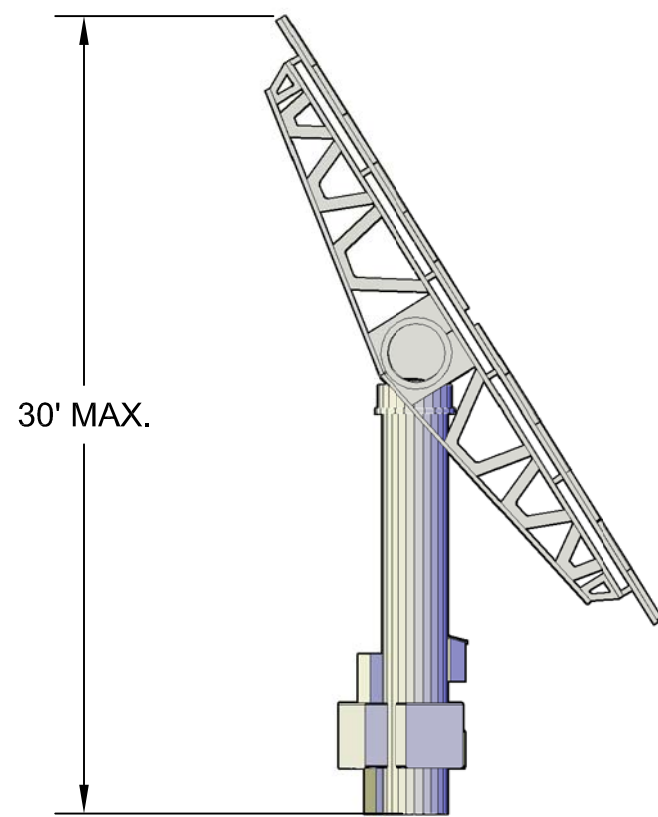
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VICINITY MAP	OWNER INFORMATION	CONTACT INFORMATION	PARCEL INFORMATION	PROJECT INFORMATION	PLOT PLAN INFORMATION	SHEET TITLE
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	STATE:	STATE: CA	DESIGNER SIGNATURE REQUIRED	DATE		<b>C-132</b>
	ZIP:	ZIP: 92127				<b>1</b>
	PHONE:	PHONE: (858) 746-9000				
	FAX:	FAX:				
	EMAIL:	EMAIL: patrick.brown@soitec.com				

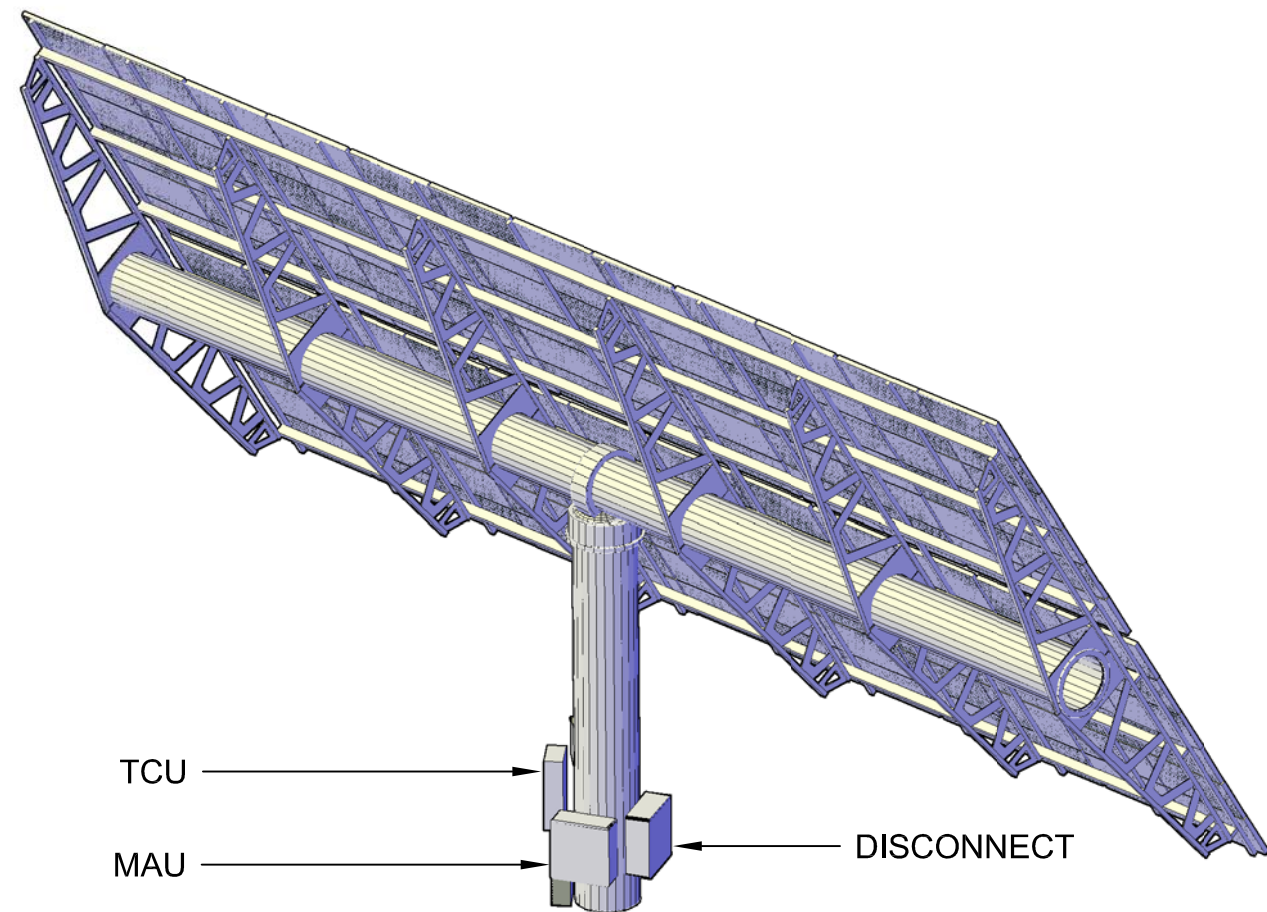




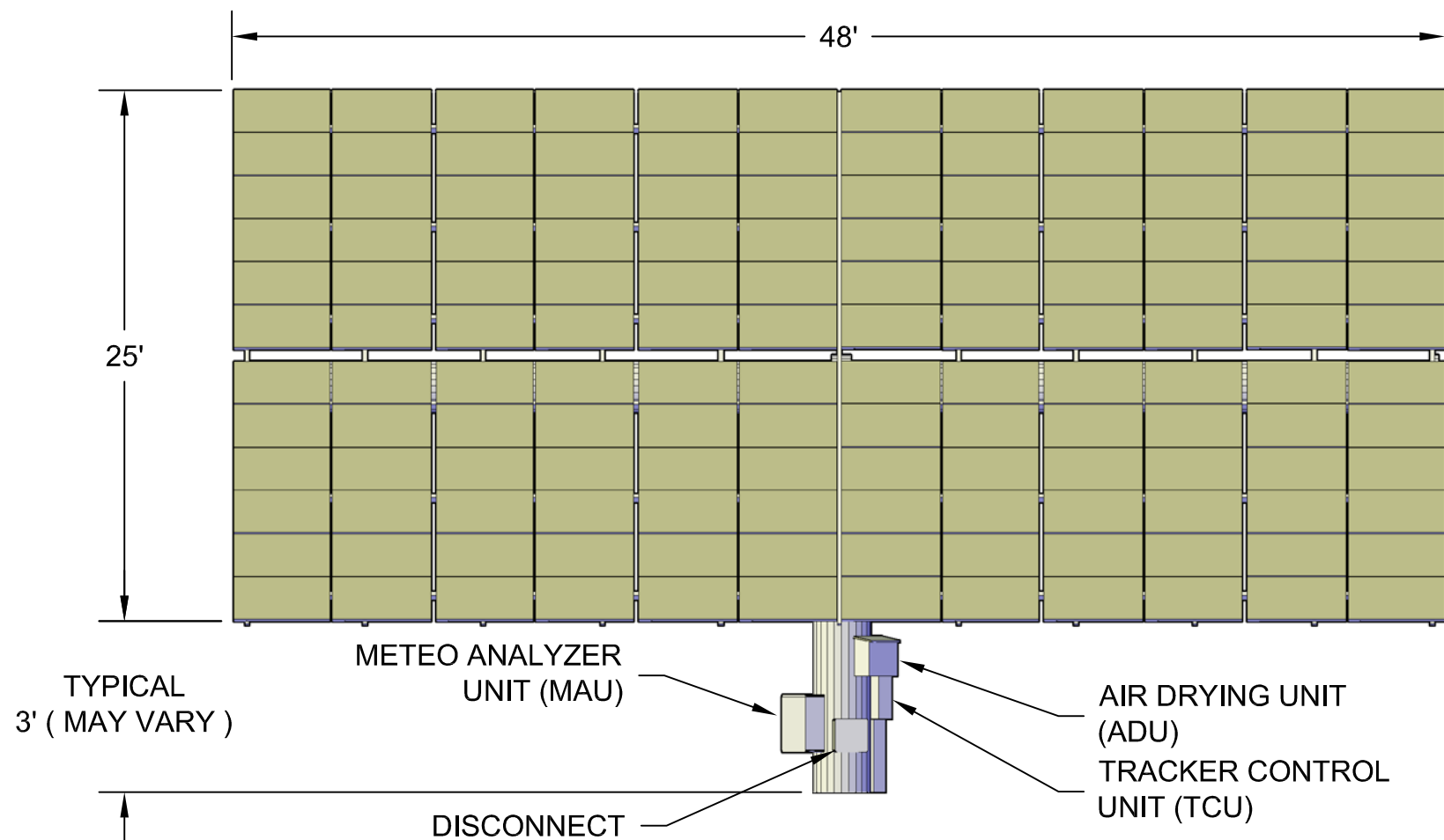
1 STOW MODE VIEW  
Scale: NTS



3 SIDE VIEW  
Scale: NTS



2 ISOMETRIC VIEW  
Scale: NTS



4 FRONT VIEW  
Scale: NTS

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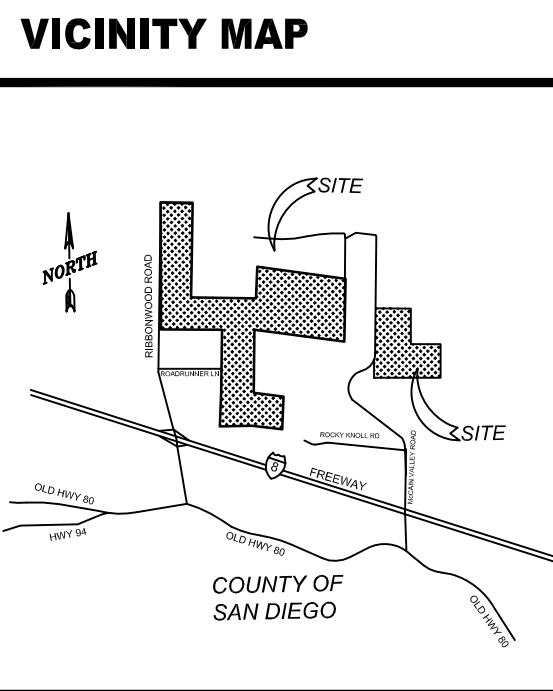
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SHEET TITLE

TRACKER ELEVATION  
DETAIL

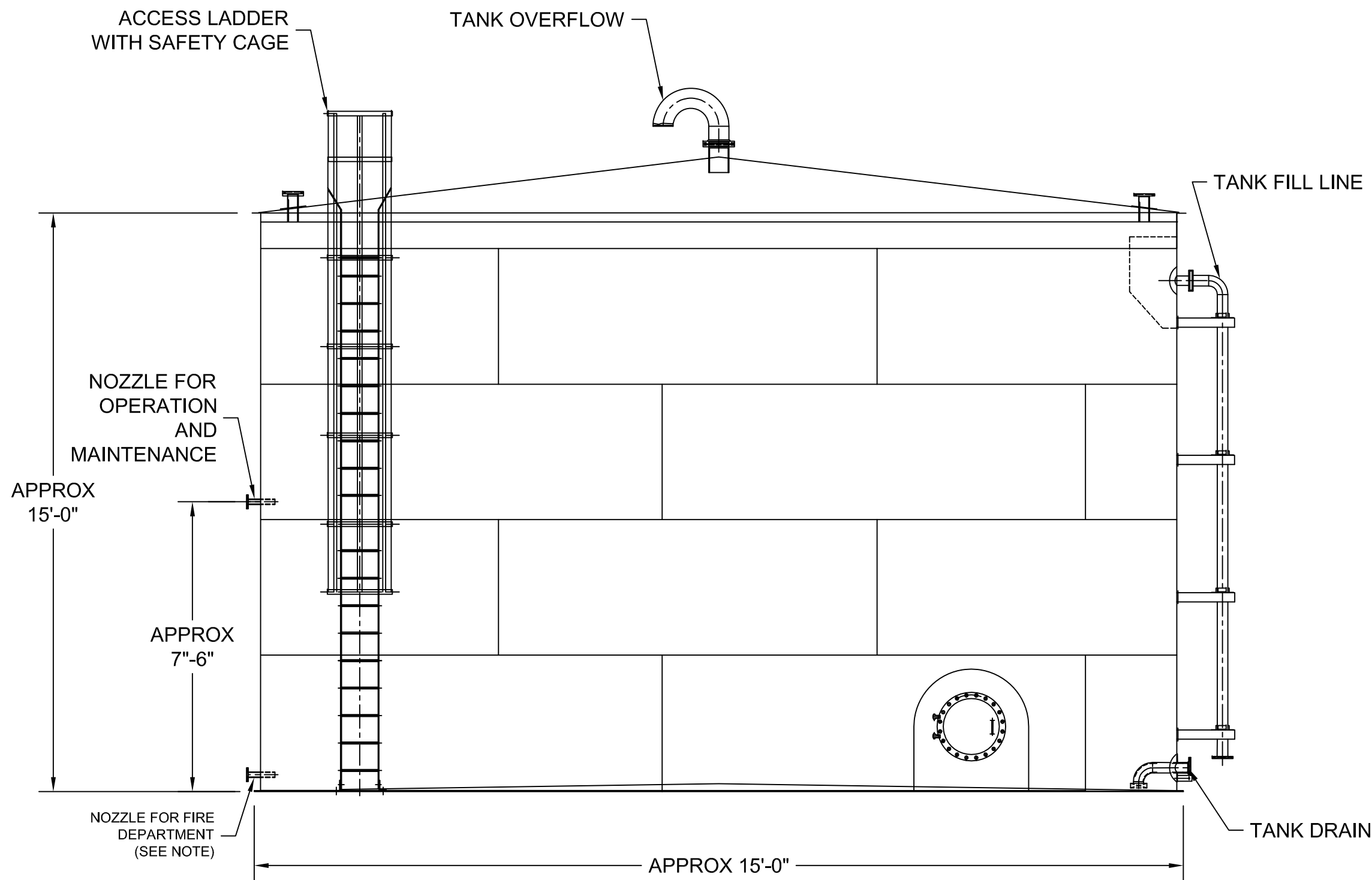
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1

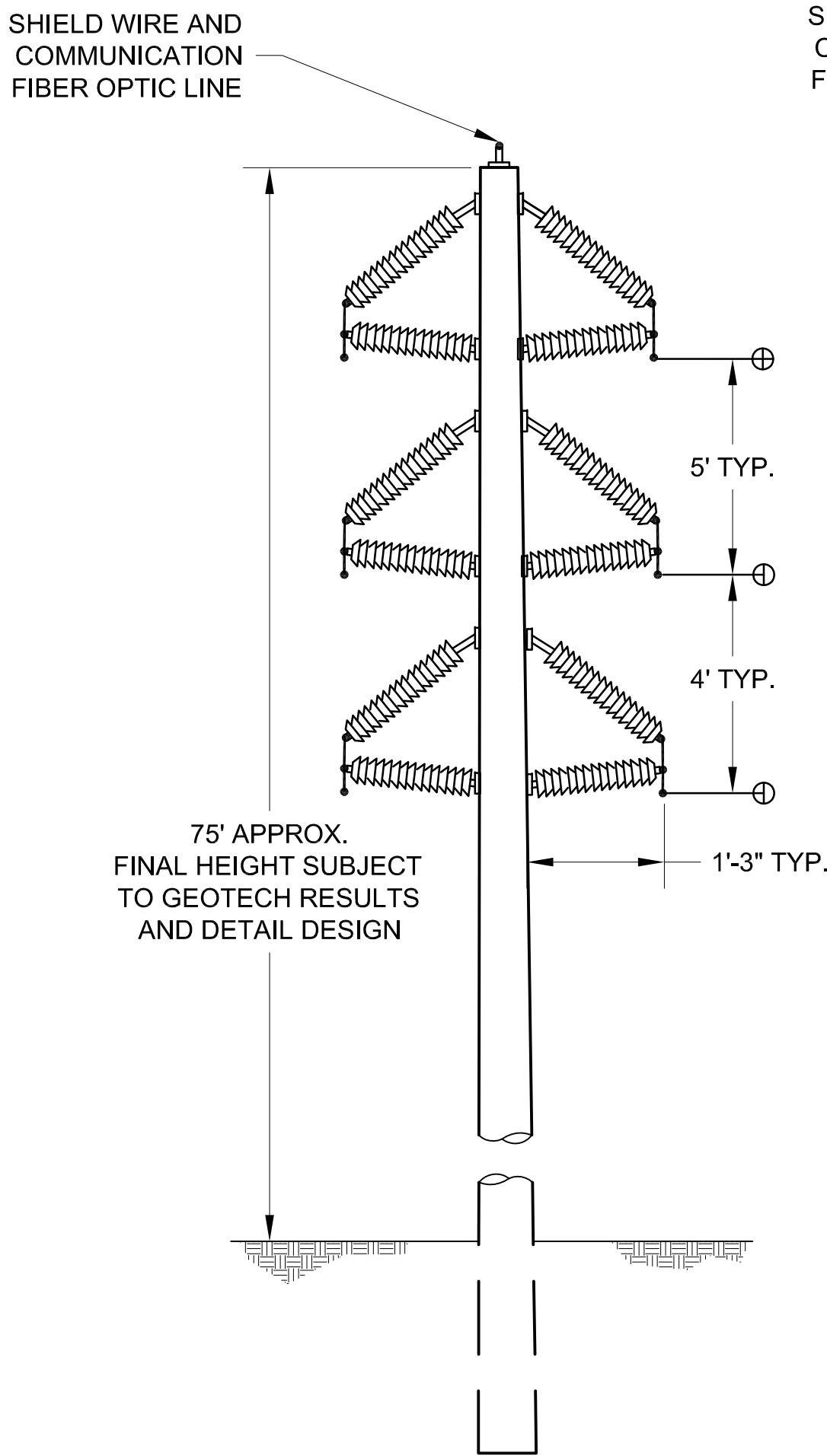




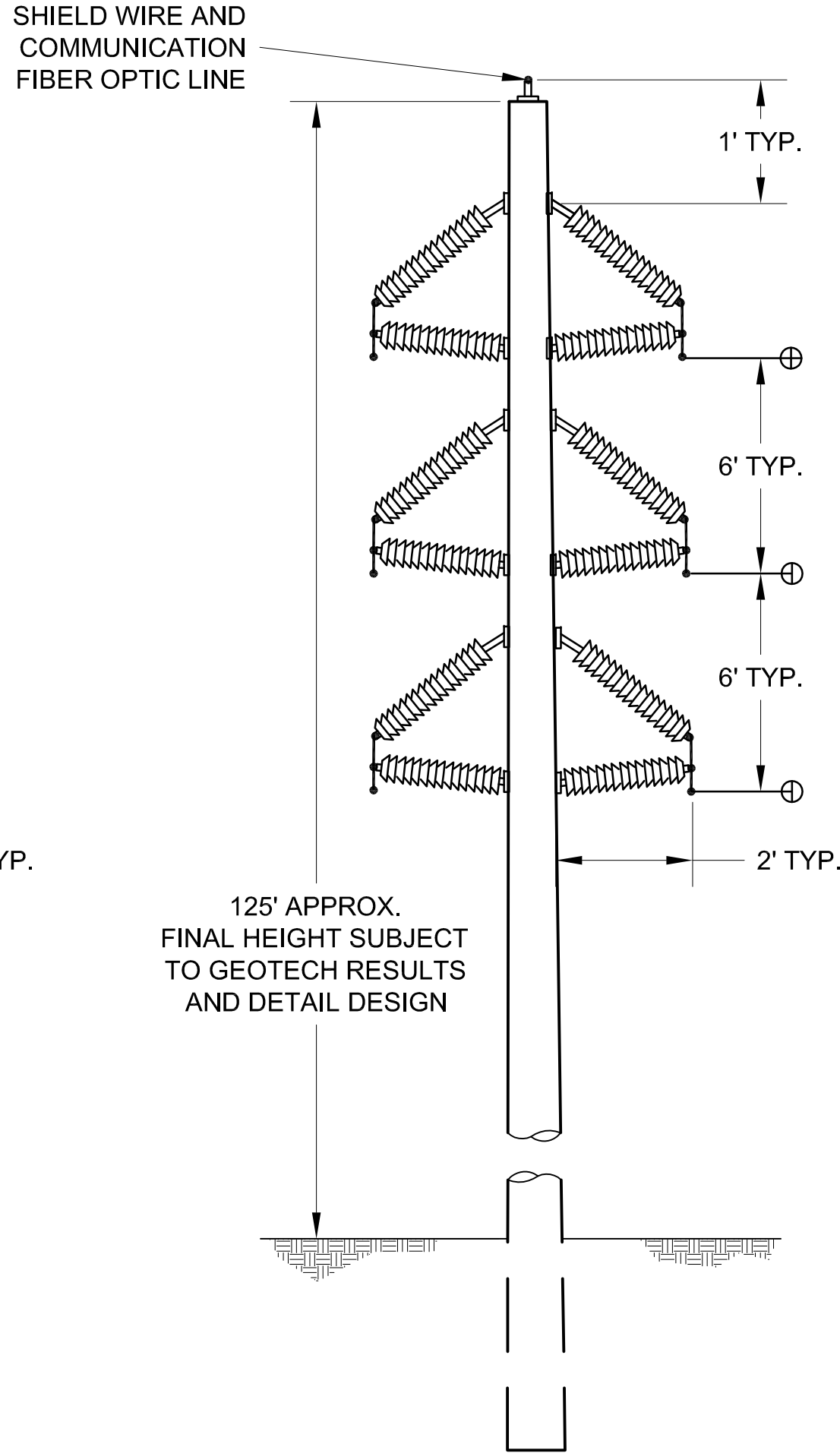
NOTE:

- IN ACCORDANCE WITH SECTION 507.2.2 IN TITLE 9, DIVISION 6, CHAPTER 1 OF THE SAN DIEGO COUNTY CODE:
1. THE SUPPLY OUTLET SHALL BE AT EAST 4 INCHES IN DIAMETER FROM THE BASE OF THE TANK TO THE POINT OF OUTLET AT THE FIRE DEPARTMENT CONNECTION. THE FIRE DEPARTMENT CONNECTION SHALL BE AT LEAST ONE 4-INCH NATIONAL STANDARD THREAD (MALE), REDUCE TO ONE 2½ INCH NATIONAL STANDARD THREAD (MALE). ADDITIONAL OUTLETS MAY BE REQUIRED.
  2. THE LOCATION OF THE FIRE DEPARTMENT OUTLET TO BE DETERMINED ON THE PLOT PLAN WHEN SUBMITTED TO THE FIRE DEPARTMENT. CONSIDERATION WILL BE GIVEN TO TOPOGRAPHY, ELEVATIONS, AND DISTANCE FROM STRUCTURES, DRIVEWAY ACCESS, PREVAILING WINDS, ETC.
  3. THE OUTLET SHALL BE LOCATED ADJACENT TO THE FIRE ACCESS ROAD.

WATER TANK



34.5 KV OVERHEAD,  
DUAL CIRCUIT



34.5 KV / 69 KV OVERHEAD

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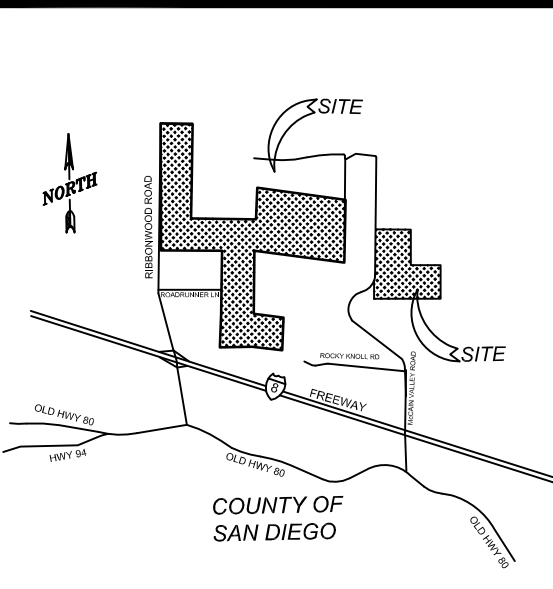
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VICINITY MAP



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SHEET TITLE

**WATER TANK &  
34.5kV / 69kV OVERHEADE  
ELEVATION DETAIL**

SHEET NUMBER

C-134

REV.

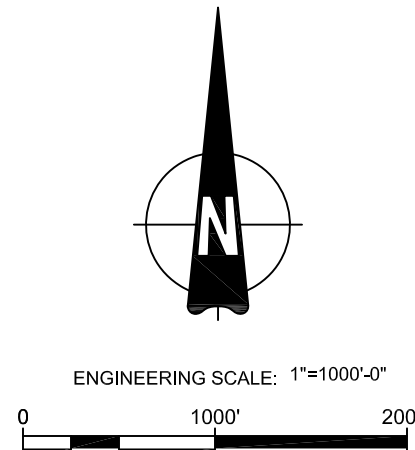
1



# FUEL TREATMENT EXHIBIT

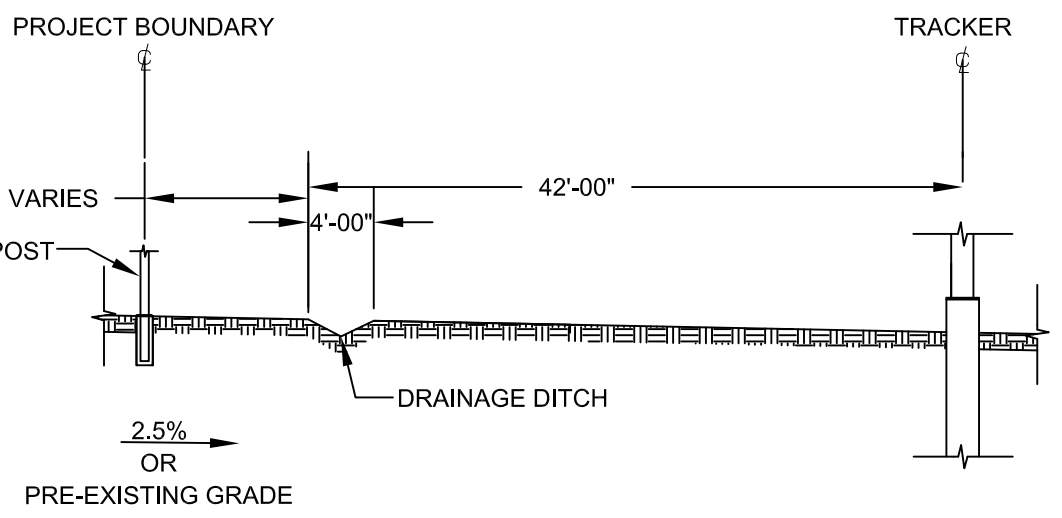
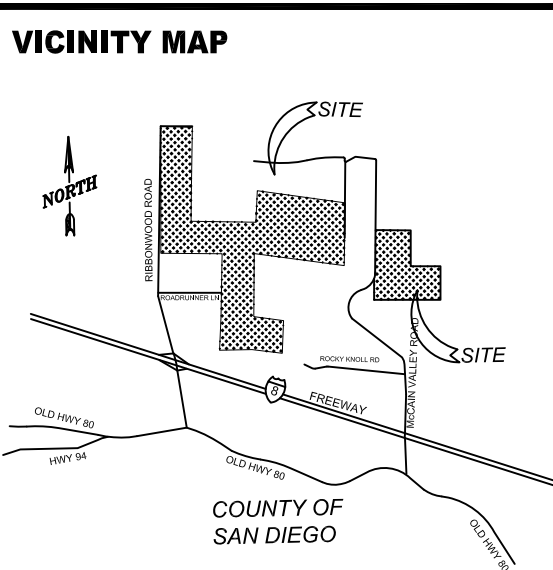
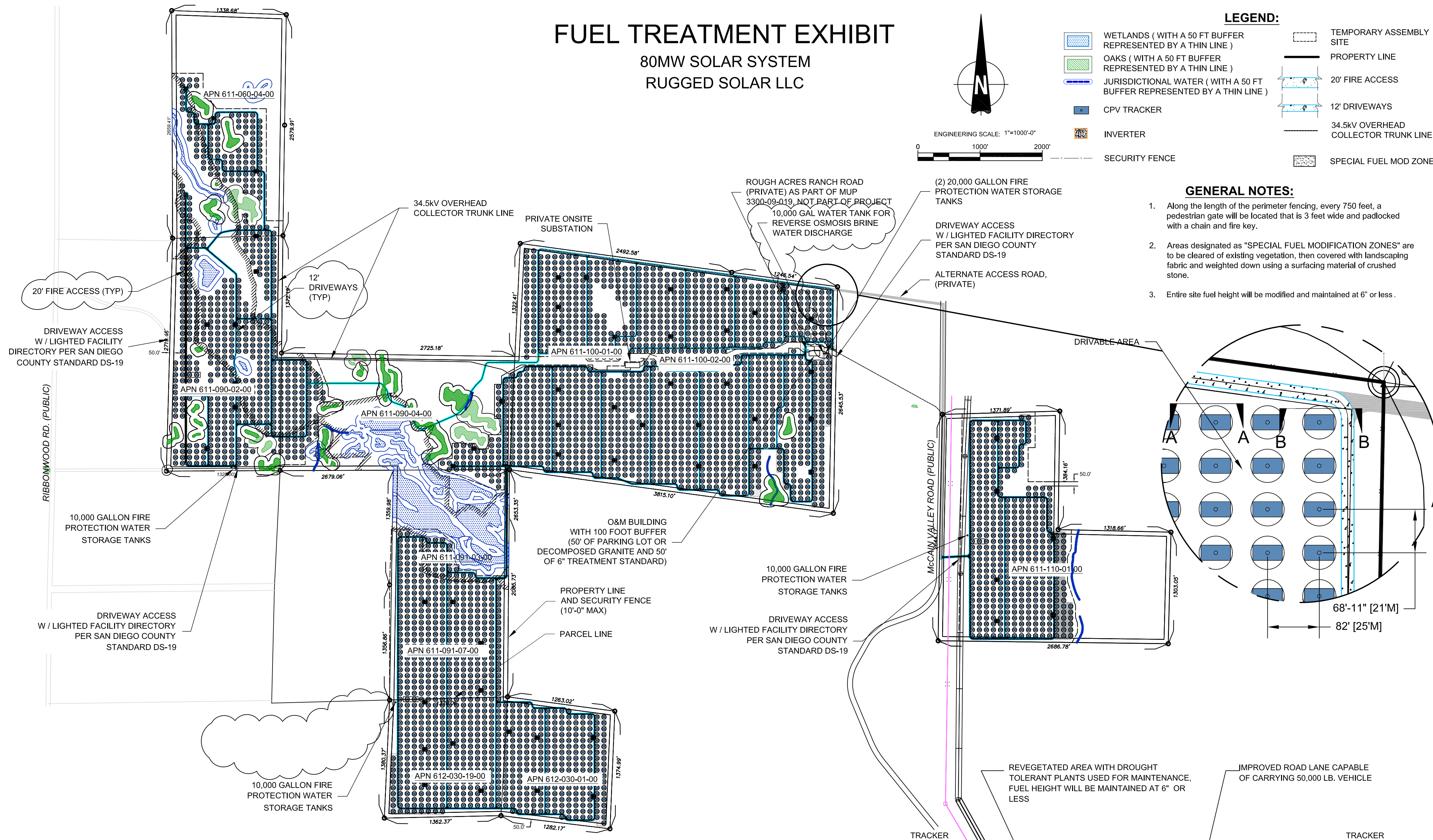
## 80MW SOLAR SYSTEM

### RUGGED SOLAR LLC

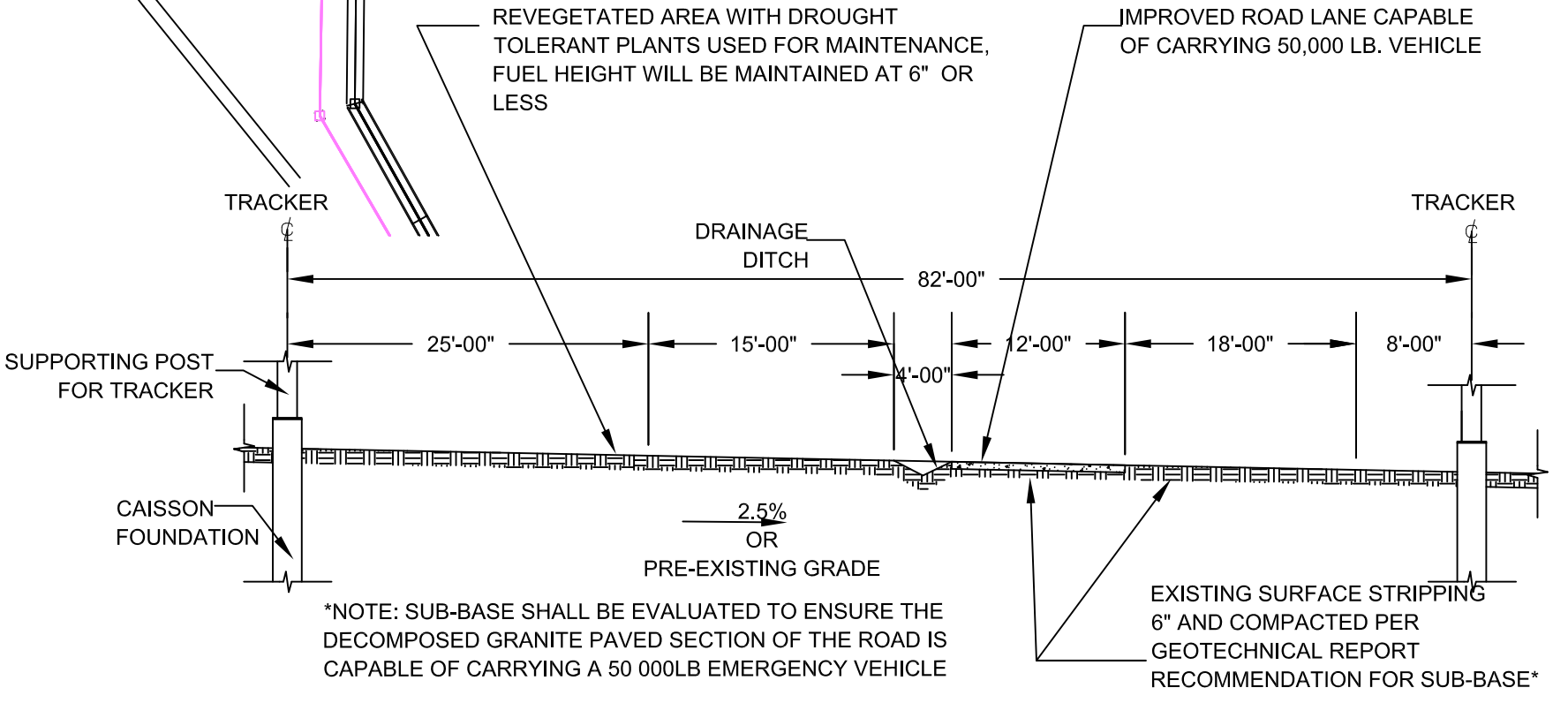


LEGEND:	
	WETLANDS ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
	OAKS ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
	JURISDICTIONAL WATER ( WITH A 50 FT BUFFER REPRESENTED BY A THIN LINE )
	CPV TRACKER
	INVERTER
	SECURITY FENCE
	TEMPORARY ASSEMBLY SITE
	PROPERTY LINE
	20' FIRE ACCESS
	12' DRIVEWAYS
	34.5kV OVERHEAD COLLECTOR TRUNK LINE
	SPECIAL FUEL MOD ZONE

- GENERAL NOTES:**
- Along the length of the perimeter fencing, every 750 feet, a pedestrian gate will be located that is 3 feet wide and padlocked with a chain and fire key.
  - Areas designated as "SPECIAL FUEL MODIFICATION ZONES" are to be cleared of existing vegetation, then covered with landscaping fabric and weighted down using a surfacing material of crushed stone.
  - Entire site fuel height will be modified and maintained at 6" or less.



**B SECTION: PERIMETER BUFFER**  
Scale: NTS



**A SECTION: FIRE ACCESS & SERVICE ROADS**  
Scale: NTS